L Number	Hits	Search Text	DB	Time stamp
-	3	"940282"	US-PGPUB	2004/07/01 15:04
-	12	(voltage near2 (spik\$3 fluctuat\$3 transient)) same wak\$3	USPAT	2004/07/01 15:42
_	6	5926394.URPN.	USPAT	2004/07/01 15:37
	3	("5179508"   "5309461"   "5394076").PN.	USPAT	2004/07/01 15:40
- 1	1			2004/07/02 12:46
-	64	(voltage near2 (spik\$3 fluctuat\$3 transient)) with (sleep\$3	USPAT	2004/07/02 12.46
į		suspen\$3 power adj down inactive idle)		·
-	0	6252384.URPN.	USPAT	2004/07/01 15:51
_	6	("5570004"   "5572112"   "5754883"   "5878251"   "5933649"	USPAT	2004/07/01 15:52
_	٠	"5966003").PN.		
1	400		LICDAT	2004/07/01 15:54
-	192	(voltage near2 (spik\$3 fluctuat\$3 transient)) same (sleep\$3	USPAT	2004/07/01 15.54
ŀ		suspen\$3 power adj down inactive idle)		
-	10	26.ab.	USPAT	2004/07/01 15:54
_	8	26.clm.	USPAT	2004/07/01 15:54
_	10	3626249.URPN.	USPAT	2004/07/01 15:56
-				2004/07/01 16:00
-	19	nguyen-don-j.in.	USPAT	
-	18	nguyen-don-j.in.	US-PGPUB	2004/07/01 16:00
_	284	(voltage near2 (spik\$3 fluctuat\$3 transient)) near4	USPAT	2004/07/07 18:54
		compensat\$3		
	20		USPAT	2004/07/01 16:04
-	22	32.ab.		I .
-	31	32.clm.	USPAT	2004/07/01 16:07
_	1167	(voltage near2 (spik\$3 fluctuat\$3 transient)) near2 suppress\$3	USPAT	2004/07/01 16:11
_	122191	g06f\$.ipc.	USPAT	2004/07/01 16:09
	30	((voltage near2 (spik\$3 fluctuat\$3 transient)) near2	USPAT	2004/07/01 16:10
-	30		33.711	
		suppress\$3) and g06f\$.ipc.	LICEAT	2004/07/04 40:40
-	114	38.ab.	USPAT	2004/07/01 16:10
_	39	(voltage near2 (spik\$3 fluctuat\$3 transient)) near2 adjust\$3	USPAT	2004/07/01 16:11
	151	(voltage near2 (spik\$3 fluctuat\$3 transient)) with offset\$4	USPAT	2004/07/01 16:47
-		(voltage fleat2 (spik\$3 flustuat\$3 transient)) with chiff\$3	USPAT	2004/07/01 16:47
- !	231	(voltage near2 (spik\$3 fluctuat\$3 transient)) with shift\$3		
- 1	35	(voltage near2 (spik\$3 fluctuat\$3 transient)) with shift\$3 near2	USPAT	2004/07/01 16:52
		level		
	0	(voltage near2 (spik\$3 fluctuat\$3 transient)) with shift\$3 adj	USPAT	2004/07/01 16:52
-	J			
	_	down	LICDAT	2004/07/01 16:52
-	1	(voltage near2 (spik\$3 fluctuat\$3 transient)) same shift\$3 adj	USPAT	2004/07/01 10.52
		down		
_	130	(voltage near2 (spik\$3 fluctuat\$3 transient)) same pull\$3 adj	USPAT	2004/07/02 10:19
_	100	down		
			USPAT	2004/07/01 16:52
-	41	(voltage near2 (spik\$3 fluctuat\$3 transient)) with pull\$3 adj	USFAI	2004/01/01 10:02
		down		0001/07/00 10 10
_	3883	nominal near voltage	USPAT	2004/07/02 10:19
_	16	(nominal near voltage) near2 (offset\$4 off-set\$4)	USPAT	2004/07/02 10:21
	4	(nominal near voltage) near2 shift\$3	USPAT	2004/07/02 10:22
<del>-</del>			USPAT	2004/07/02 12:31
-	17393	voltage near2 (spik\$3 fluctuat\$3 transient)		2004/07/02 12:31
-	46	(voltage near2 (spik\$3 fluctuat\$3 transient)) with tolerance	USPAT	
_	586	(voltage near2 (spik\$3 fluctuat\$3 transient)) with range	USPAT	2004/07/02 10:39
<u>-</u>	19	6.ab.	USPAT	2004/07/02 10:29
-	9	("4609834"   "4612457"   "4698525"   "4740717"   "4758743"	USPAT	2004/07/02 10:34
-	9	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
}		"4783601"   "4785201"   "4789796"   "4791321").PN.	LICDAT	2004/07/02 10:37
-	26	4947063.URPN.	USPAT	
l -	45	6.clm.	USPAT	2004/07/02 10:37
1_	676	(voltage near2 (spik\$3 fluctuat\$3 transient)) with limit\$1	USPAT	2004/07/02 10:43
1		1	USPAT	2004/07/02 10:41
[ -	23	11.ab.		2004/07/02 10:41
-	44	11.clm.	USPAT	
ļ -	901	(voltage near2 (spik\$3 fluctuat\$3 transient)) with threshold	USPAT	2004/07/02 10:44
1 -	44	14.ab.	USPAT	2004/07/02 10:55
	53591	(shift\$3 offset\$4 adjust\$3) near2 level	USPAT	2004/07/02 12:50
-		((shift\$3 offset\$4 adjust\$3) near2 level) same (voltage near2	USPAT	2004/07/02 12:45
-	155		COLVI	200-701702 12.40
	1	(spik\$3 fluctuat\$3 transient))		0004/07/05 :5 55
-	5	22.ab.	USPAT	2004/07/02 12:36
_	7	22.clm.	USPAT	2004/07/02 12:36
*	1	((shift\$3 offset\$4 adjust\$3) near2 level) same wak\$3	USPAT	2004/07/02 12:45
-	22	((5) III (\$) Oligety augusty) Hear level) same (closes)	USPAT	2004/07/02 19:11
-	831	((shift\$3 offset\$4 adjust\$3) near2 level) same (sleep\$3	USPAT	2007/01/02 18.11
1		suspen\$3 power adj down inactive idle)		
_	33	26.ab.	USPAT	2004/07/02 12:46
	77	26.clm.	USPAT	2004/07/02 12:48
_			USPAT	2004/07/02 14:41
•	19066	"voltage regulator"		1
-				
-	256	((shift\$3 offset\$4 adjust\$3) near2 level) same "voltage regulator"	USPAT	2004/07/02 12:50

-	19	32.ab.	USPAT	2004/07/02 12:54
_	445	"voltage regulator" same (voltage near2 (spik\$3 fluctuat\$3	USPAT	2004/07/02 13:06
		transient))		200 01.102
]	00		LICDAT	2004/07/02 42-54
-	33	32.clm.	USPAT	2004/07/02 12:54
-	20	34.ab.	USPAT	2004/07/02 13:07
-	24	34.clm.	USPAT	2004/07/02 14:21
_	2	("5774734"   "5912552").PN.	USPAT	2004/07/02 13:13
]	6	6229292.URPN.	USPAT	2004/07/02 13:16
-	1 3		USPAT	2004/07/02 14:30
-	15	"6064187"		
-	1	"optimal voltage positioning"	USPAT	2004/07/02 14:30
_	202	"voltage regulator" with intermediate	USPAT	2004/07/02 15:21
_	1132	cpu with capacitor\$1	USPAT	2004/07/02 14:47
	38	((voltage near2 (spik\$3 fluctuat\$3 transient)) "voltage	USPAT	2004/07/02 14:47
-	30		00.71	200-1101102 11111
1	1	regulator") same (cpu with capacitor\$1)	LICDAT	0004/07/00 45:07
-	3	5903182.URPN.	USPAT	2004/07/02 15:07
-	26	47.ab.	USPAT	2004/07/02 15:07
<u>-</u>	6	5919262.URPN.	USPAT	2004/07/02 15:11
	4	6094367.URPN.	USPAT	2004/07/02 15:15
-	1		USPAT	2004/07/02 15:54
1 -	52930	(mutiple plurality) adj2 (components devices)		r i
-	49	((mutiple plurality) adj2 (components devices)) same "voltage	USPAT	2004/07/02 15:15
		regulator"		
l <u>-</u>	110	"voltage regulator" same intermediate adj2 (level value voltage	USPAT	2004/07/02 16:15
-	110			
		step)	LICDAT	2004/07/02 45:50
-	19	((mutiple plurality) adj2 (components devices)) same wak\$3	USPAT	2004/07/02 15:50
-	5	"098925"	USPAT	2004/07/02 15:50
_	7	6092208.URPN.	USPAT	2004/07/02 15:52
	13	"5919264"	USPAT	2004/07/02 15:54
-	1		USPAT	2004/07/02 16:05
-	7	6446213.URPN.	l .	
-	2	slp adj s3\$1	USPAT	2004/07/02 16:06
-	190	"voltage regulator" same (multiple plurality) adj2 (level value	USPAT	2004/07/02 19:04
		voltage step)		
	0	6681335.URPN.	USPAT	2004/07/02 18:54
-	_	("5337205"   "5515539"   "5712589"   "5736796"   "5864225"	USPAT	2004/07/02 18:54
-	6		00171	2004/07/02 10:04
		"6137188").PN.		0004/07/004000
-	7	6137188.URPN.	USPAT	2004/07/02 19:00
_	182	((mutiple plurality) adj2 (components devices)) same (multiple	USPAT	2004/07/02 19:05
		plurality) adj2 (level value voltage step)		1
	400	((mutiple plurality) adj2 (components devices)) same (sleep\$3	USPAT	2004/07/02 19:11
-	492		001711	2004/07/02 10:11
		suspen\$3 power adj down inactive idle)	LICDAT	0004/07/00 40:40
-	65	67.ab.	USPAT	2004/07/02 19:13
_	67	"voltage regulator" same (over-shoot\$3 overshoot\$3)	USPAT	2004/07/02 19:19
ł _	53	"voltage regulator" same hub	USPAT	2004/07/02 19:40
	291	vrm	USPAT	2004/07/02 19:53
-			USPAT	2004/07/02 19:40
-	0	"voltage regulator" same ich		
-	0	vrm same ich	USPAT	2004/07/02 19:40
-	23	programmable adj "voltage regulator"	USPAT	2004/07/02 19:41
-	274	("voltage regulator" vrm) same "i/o"	USPAT	2004/07/02 20:02
1_	6	77.ab.	USPAT	2004/07/02 20:01
1		1	USPAT	2004/07/02 20:01
j -	9	77.clm.		
-	56	("voltage regulator" vrm) same peripheral adj device	USPAT	2004/07/02 20:15
-	178	("voltage regulator" vrm) same (hdd "hard disk" "storage	USPAT	2004/07/02 20:16
		device")		
	9	83.ab.	USPAT	2004/07/02 20:15
-		(North-normalistes) sema (had though dials)	USPAT	2004/07/02 20:30
-	25	("voltage regulator" vrm) same (hdd "hard disk")		1
-	1943	("voltage regulator" vrm) same bridge	USPAT	2004/07/02 20:19
-	1	("voltage regulator" vrm) same south adj bridge	USPAT	2004/07/02 20:24
-	59	87.ab.	USPAT	2004/07/02 20:21
_	4194	("voltage regulator" vrm) same (devices components)	USPAT	2004/07/02 20:24
-		("voltage regulator" vrm) with (devices components)	USPAT	2004/07/02 20:24
-	1961			
-	91	91.ab.	USPAT	2004/07/02 20:24
-	116	power with (ich "south bridge")	USPAT	2004/07/02 20:56
_	1320	power adj (source supply) same peripheral adj device	USPAT	2004/07/06 12:28
_	91	94.ab.	USPAT	2004/07/02 20:57
-		"power supply" with (ich "south bridge")	USPAT	2004/07/06 13:34
-	13	power supply with from south bridge /		
-	267	"power supply" with hub not usb	USPAT	2004/07/06 13:34
-	23	7.ab.	USPAT	2004/07/06 13:34
-	2316	slp\$	USPAT	2004/07/06 17:32
_	22	· ·	USPAT	2004/07/06 17:41
L		1 0 40 50 DM D 0		

-	10	(slp adj s\$1) same (power voltage)	USPAT	2004/07/06 17:42
-	4	(slp adj s\$1) same (wak\$3 sleep\$3)	USPAT	2004/07/06 17:43
-	313	"voltage regulator" same status	USPAT	2004/07/06 17:44
-	19	"voltage regulator" same status adj2 signal	USPAT	2004/07/06 17:55
-	22	5.ab.	USPAT	2004/07/06 17:55
_	19	5.clm.	USPAT	2004/07/06 17:55
-	4	"voltage regulator" same acpi	USPAT	2004/07/06 18:01
-				
-	413	"voltage regulator" same (wak\$3 power\$3 adj up)	USPAT	2004/07/06 18:02
-	175	"voltage regulator" with (wak\$3 power\$3 adj up)	USPAT	2004/07/06 18:11
-	15	11.ab.	USPAT	2004/07/06 18:04
-	31	11.clm.	USPAT	2004/07/06 18:04
-	291	"voltage regulator" with (sleep\$3 suspend idle "low power")	USPAT	2004/07/06 18:11
-	649	"voltage regulator" same (sleep\$3 suspend idle "low power")	USPAT	2004/07/06 18:21
-	47	16.ab.	USPAT	2004/07/06 18:15
-	39	16.clm.	USPAT	2004/07/06 18:15
-	6	("5727208"   "5760636"   "5774704"   "5812860"   "6141762"	USPAT	2004/07/06 18:19
1		"6425086").PN.	00,711	200 1101100 10110
1	65		USPAT	2004/07/06 18:43
-		"voltage regulator" with register		
-	908	"voltage regulator" with mode	USPAT	2004/07/06 18:43
-	86	21.ab.	USPAT	2004/07/06 18:45
-	231	voltage adj regulat\$3	IBM_TDB	2004/07/07 16:06
-	160	voltage adj regulator	IBM_TDB	2004/07/06 18:46
-	4040	"voltage regulator" with signal	USPAT	2004/07/07 17:07
-	21	("voltage regulator" with signal) and acpi	USPAT	2004/07/07 16:25
-	- 8	("4847720"   "5375247"   "5410711"   "5623677"   "5757773"	USPAT	2004/07/07 16:28
1	J	"5978923"   "6122748"   "6266776").PN.	20,7,1	
	11	6122748.URPN.	USPAT	2004/07/07 16:36
-			USPAT	
-	1000	"voltage regulator" with control near3 signal	· ·	2004/07/07 17:06
-	96	12.ab.	USPAT	2004/07/07 16:39
-	10	("5705920"   "5774736"   "6157974"   "6185139"   "6316988"	USPAT	2004/07/07 17:04
		"6340918"   "6351827"   "6425086"   "6525599"		
		"6600302").PN.		
_	714	"voltage regulator" with control adj signal	USPAT	2004/07/07 18:02
_	295	15.clm.	USPAT	2004/07/07 17:07
	1046	"voltage regulator" with bias\$3	USPAT	2004/07/07 17:21
_	62	17.ab.	USPAT	2004/07/07 17:07
	2495	713/3\$2.ccls.	USPAT	2004/07/07 17:07
1 -			USPAT	
-	4	("voltage regulator" with bias\$3) and 713/3\$2.ccls.		2004/07/07 17:08
-	33	("voltage regulator" with control near3 signal) and	USPAT	2004/07/07 17:08
		713/3\$2.ccls.		
-	3	5987615.URPN.	USPAT	2004/07/07 17:16
-	55	"voltage regulator" with margin\$3	USPAT	2004/07/07 17:21
-	10226	"power supply" with control adj signal	USPAT	2004/07/07 18:10
-	289		USPAT	2004/07/07 18:03
-	34	24.ab. and 713/3\$2.ccls.	USPAT	2004/07/07 18:03
_	849	"power supply" near2 programmable	USPAT	2004/07/07 18:10
_	58	27.ab.	USPAT	2004/07/07 18:50
	21	(("voltage regulator" with control adj signal) ("voltage regulator"	USPAT	2004/07/07 18:20
-	21		JOFAI	2004/01/01 10.20
1	_	with bias\$3)) same (sleep\$3 wak\$3)	LICDAT	2004/07/07 12 22
-	4	("power supply" near2 programmable) same (sleep\$3 wak\$3)	USPAT	2004/07/07 18:20
[-	2010	(state status) near2 (signal command indicator) with ("voltage	USPAT	2004/07/07 19:14
		regulator" "power supply")		
-	1414	(state status) adj2 (signal command indicator) with ("voltage	USPAT	2004/07/07 19:01
		regulator" "power supply")		
_	66	32.ab.	USPAT	2004/07/07 18:52
	97	((state status) adj2 (signal command indicator) with ("voltage	USPAT	2004/07/07 18:55
	3,	regulator" "power supply")) and 713/3\$2.ccls.	20.71.	=5557767 10.00
	25	("power supply" near2 (spik\$3 fluctuat\$3 transient)) near4	USPAT	2004/07/07 19:00
-	25		USFAI	2004/07/07 19:00
		compensat\$3	LIODAT	0004/07/07 40 00
-	160	(sleep\$3 wak\$3) near2 (signal command indicator) with	USPAT	2004/07/07 19:02
		"power supply"		
-	577	(predict\$3 anticipat\$3) with ("voltage regulator" "power	USPAT	2004/07/07 19:14
		supply")		
-	16	((predict\$3 anticipat\$3) with ("voltage regulator" "power	USPAT	2004/07/07 19:15
		supply")) and 713/3\$2.ccls.		
_	6	5919262.URPN.	USPAT	2004/07/08 09:55
	104	("voltage regulator" vrm) with register	USPAT	2004/07/09 14:29
] _	54	("voltage regulator" vrm) with register	US-PGPUB	2004/07/09 14:14
		CAO:52 DM Dogs 2	J J J J J J J J J J J J J J J J J J J	200 1101700 14.14

	9	("voltage regulator" vrm) with register	EPO; JPO;	2004/07/09 14:15
-		( voltage regulator viril) with register	IBM TDB	2004/01/03 14.13
_	28	("voltage regulator" vrm) same register	EPO; JPO;	2004/07/09 14:15
	20	( voltage regulator vitil) buttle register	IBM TDB	2004/07/00 14:10
_	6	power adj regulator with register	USPAT	2004/07/09 14:18
_	2302	power adj supply with register	USPAT	2004/07/09 14:10
_	407	power adj supply near3 register	USPAT	2004/07/09 14:22
_	18	8.ab.	USPAT	2004/07/09 14:21
_	86	7.ab.	USPAT	2004/07/09 14:21
_	140	power adj supply near3 register	US-PGPUB	2004/07/09 14:26
_	137	power adj supply near3 register	EPO; JPO;	2004/07/09 14:26
	107	power day supply fiedre register	IBM TDB	200 277.00 . 720
_	112	("voltage regulator" vrm) with status	USPAT	2004/07/09 14:35
-	43	("voltage regulator" vrm) with status	US-PGPUB	2004/07/09 14:48
-	2	("voltage regulator" vrm) with status	JPO;	2004/07/09 14:49
	_	( totage regeneral rinn, man craner	IBM_TDB	
_	294	("voltage regulator" vrm) with status	EPO	2004/07/09 15:52
_	92	"voltage positioning"	USPAT	2004/07/11 16:27
-	0	6680604.URPN.	USPAT	2004/07/11 15:49
_	12	("5489293"   "5585749"   "5596532"   "5635773"   "5744984"	USPAT	2004/07/11 15:52
		"5764007"   "5945941"   "5973944"   "6009000"   "6031707"		
		"6163494"   "6181120").PN.		
-	38	"voltage positioning"	US-PGPUB	2004/07/11 17:14
-	14		EPO; JPO;	2004/07/11 16:03
			IBM_TDB	
-	421	voltage near2 droop	USPAT	2004/07/11 16:04
_	11	11.ab.	USPAT	2004/07/11 16:04
_	1	6472856.URPN.	USPAT	2004/07/11 16:13
-	199	(voltage near2 droop) same (regulat\$3 converter supply)	USPAT	2004/07/11 16:13
_	714		USPAT	2004/07/11 17:33
_	1	(s3 same peripheral) same sleep	USPAT	2004/07/11 17:34
_	23	("5590338"   "5608884"   "5742794"   "5809262"   "5848292"	USPAT	2004/07/11 18:13
		"5903894"   "5923897"   "6065121"   "6131131"   "6167511"		1
	1	"6185677"   "6219742"   "6266776"   "6272642"   "6360327"		
		"6378009"   "6378014"   "6388658"   "6446213"   "6457082"		
	·	"6499102"   "6532505"   "6567869").PN.		
-	10952		USPAT	2004/07/11 18:33
-	111	(dc adj converter) same (sleep wake)	USPAT	2004/07/11 18:16
-	44	(dc adj converter) same intermediate adj (voltage level)	USPAT	2004/07/11 18:34
-	58	"voltage regulator" same intermediate adj (voltage level)	USPAT	2004/07/11 18:36
	1	acpi and intermediate adj (voltage level)	USPAT	2004/07/11 18:36